



# Modified PYNFH Medium [ATCC medium 1034]

327-X™

## Description

Modified PYNFH Medium is the recommended formulation for the axenic cultivation of small, free-living amoebae, including *Hartmannella*, *Naegleria*, *Willaertia*, *Vahlkampfia*, *Capsaspora*, *Nuclearia*; the trypanosomatids *Crithidia*, *Blastocrithidia*, *Herpetomonas*, *Leptomonas*, *Phytomonas*; and certain ciliates such as *Tetrahymena*, *Dexiostoma*, and *Glaucoma*. It is provided freeze-dried, 1 vial prepares 55 mL of medium. The medium is ready to use upon rehydration with sterile glass-distilled water.

**Shipping information:** 1 vial

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## Storage Conditions

**Product format:** Freeze-dried

**Storage conditions:** 2°C to 8°C

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## Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

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## Biosafety Information

ATCC determined that a biosafety level is not applicable to this material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and*

*Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to complete your own risk assessment and understand any potential hazards associated with the material per your organization's policies and procedures and any other applicable regulations as enforced by your local or national agencies.

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## Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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## Handling Procedures

1. Alcohol the crimped aluminum cap and remove it.
  2. Alcohol the rubber stopper and allow to dry.
  3. Aseptically remove the rubber stopper and aseptically add 55 mL of double glass distilled sterile water. Swirl to completely dissolve the freeze-dried medium.
  4. Aseptically distribute 5 mL of the rehydrated medium to a sterile 16 x 125 mm screw-capped test tube, or distribute 5-10 mL of the rehydrated medium to a sterile 25 cm<sup>2</sup> tissue culture flask.
  5. Screw the cap on tightly and store at 2-8°C until ready to use. Use within approx. 30 days.
  6. When ready to use, equilibrate the tube at the appropriate growth temperature before inoculation with the protist.
  7. Follow standard procedure for maintaining culture as specified in the product sheet for that protist.
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## Quality Control Specifications

**Mycoplasma contamination:** Not detected

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Modified PYNFH Medium [ATCC medium 1034] (ATCC 327-X)

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## References

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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## Warranty

The product is provided 'AS IS' and the viability of ATCC® products is warranted for 30 days from the date of shipment, provided that the customer has stored and handled the product according to the information included on the product information sheet, website, and Certificate of Analysis. For living cultures, ATCC lists the media formulation and reagents that have been found to be effective for the product. While other unspecified media and reagents may also produce satisfactory results, a change in the ATCC and/or depositor-recommended protocols may affect the recovery, growth, and/or function of the product. If an alternative medium formulation or reagent is used, the ATCC warranty for viability is no longer valid. Except as expressly set forth herein, no other warranties of any kind are provided, express or implied, including, but not limited to, any implied warranties of merchantability, fitness for a particular purpose, manufacture according to cGMP standards, typicality, safety, accuracy, and/or noninfringement.

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## Revision

# Modified PYNFH Medium [ATCC medium 1034]

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Product Sheet

This information on this document was last updated on 2023-05-13

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